

Tuesday, September 10, 2019

Attn: Jennifer Atkins AECOM 250 Apollo Drive Chelmsford, MA 01824

**Project ID:** 

SDG ID: GCD96440 Sample ID#s: CD96440

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis/Shiller

**Laboratory Director** 

NELAC - #NY11301 CT Lab Registration #PH-0618 MA Lab Registration #M-CT007 ME Lab Registration #CT-007 NH Lab Registration #213693-A,B NJ Lab Registration #CT-003 NY Lab Registration #11301 PA Lab Registration #68-03530 RI Lab Registration #63 UT Lab Registration #CT00007 VT Lab Registration #VT11301



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



## **SDG Comments**

September 10, 2019

SDG I.D.: GCD96440

#### Version 3:

The original TSS had quality control issues: an observation was made that it was difficult to filter and as a result only 20ml of sample was used. (This may not have been representative of the sample as a whole).

The sample was re-analyzed after hold time using 100 ml of sample and the subsequent result is reported above as Total Suspended Solids (re-analysis).



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# Sample Id Cross Reference

September 10, 2019

SDG I.D.: GCD96440

Project ID:

Client Id	Lab Id	Matrix
OUTFALL 003	CD96440	SURFACE WATER



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**Analysis Report** 

September 10, 2019

FOR: Attn: Jennifer Atkins

**AECOM** 

250 Apollo Drive

Chelmsford, MA 01824

Sample InformationCustody InformationDateTimeMatrix:SURFACE WATERCollected by:08/31/1916:45Location Code:AECOM-CHELMReceived by:CP09/03/1916:00

Rush Request: Standard Analyzed by: see "By" below

P.O.#:

aboratory Data SDG ID: GCD96440

Phoenix ID: CD96440

Project ID:

Client ID: OUTFALL 003

Parameter	Result	RL/ PQL	Units Dilution	n Date/Time	By Reference
Total Suspended Solids	130	25	mg/L 5	09/04/19	NLM/BJA SM 2540D-11
Total Suspended Solids (re-analysis)	63	5.0	mg/L 1	09/09/19	NLM/BJA SM 2540D-11

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

#### **Comments:**

The original TSS had quality control issues: an observation was made that it was difficult to filter and as a result only 20ml of sample was used. (This may not have been representative of the sample as a whole).

The sample was re-analyzed after hold time using 100 ml of sample and the subsequent result is reported above as Total Suspended Solids (re-analysis).

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Phyllis Shiller, Laboratory Director

September 10, 2019

Reviewed and Released by: Phyllis Shiller, Laboratory Director



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## QA/QC Report

September 10, 2019

### QA/QC Data

SDG I.D.: GCD96440

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 495095 (mg/L), QC Sample No: CD96293 (CD96440)  Total Suspended Solids BRL 5.0 <5.0 <5.0 NC 109 85 - 115													

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference

Phyllis/Shiller, Laboratory Director

September 10, 2019

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# Sample Criteria Exceedances Report GCD96440 - AECOM-CHELM

State: MA

State: MA RL Analysis
SampNo Acode Phoenix Analyte Criteria Units
RESUlt RL Criteria Units

Criteria: MA: CAM

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

<sup>\*\*\*</sup> No Data to Display \*\*\*



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# **Analysis Comments**

September 10, 2019 SDG I.D.: GCD96440

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

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Cooler: Ves No III	t Options		This section MUST be completed with Bottle Quantities.	Tugg Tugg	OS LIGOS LIGOS STATES						Data Format  Excel PDF GIS/Key COUIS	Data Package  Data Package  Ther II Checklist  Full Data Package*  Phoenix Std Report  Other	* SURCHARGE APPLIES
Coolant: IPP		Project D.O.	This:	137	Ole Jaliell	07/40 0x					MCP Certification GW-1 GW-2 GW-3	S-1 GW-1	llected: MA
	0				**************************************	205 105 105 10							les were col
ECORD	587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040 Email: info@phoenixlabs.com Fax (860) 645-0823 Client Services (860) 645-8726											GA Mobility GB Mobility Residential DEC I/C DEC	State where samples were collected:
JSTODY R	O. Box 370, M Ds.com Fax		;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;								RI  Direct Exposure (Residential)  GW	Other	
CHAIN OF CUSTODY RECORD	East Middle Turnpike, P.O. Box 370, Mancheste Email: info@phoenixlabs.com Fax (860) 64. Client Services (860) 645-8726	-Project:	Report to: Invoice to: QUOTE #	Analysis Request	Sch		×				11 100		GE APPLIES
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	s, Inc.	-	# [ ]	on - Identific	Surface Wat Soil SD=Sc	Sample Matrix	3 S					:: :	
	PHOENIX Environmental Laboratories,	ACOM	250 Apollo Chelms Pero	Client Sample - Information - Identification	Matrix Code:  DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Soild W=Wipe OIL=Oil B=Bulk L=Liquid X =(Other)	Customer Sample Identification	Outtell 003				Accepted by:	Comments, Special Requirements or Regulations $\mathcal{S}_{\mathcal{A}}$	
	PHO Environmen	Customer	Address:		Matrix Code:  DW=Drinking Water  RW=Raw Water SE=  B=Bulk L=Liquid X =	PHOENIX USE ONLY SAMPLE # **	of Meters				Kelindushed by:	Comments, Special P	